Dialog 4000 Digital Telephones
MD110

The new Dialog 4000 digital telephones combine excellent sound quality and out-standing features with superior ergonom-ics. Users may also benefit from the built in hearing aid support and acoustic shock protection. Environmentally-sound design has been a cornerstone in the Dialog 4000 design process. All phones support remote software download for easy main-tenance and upgradeability.

The new Dialog 4000 generation of tele-phones lead the way into the future for enterprise communications.

ERICSSON

Dialog 4000
Digital Telephones

Dialog 4220 Lite

This compact, cost-effective model offers all basic functions for office user communication needs. The Dialog 4220 Lite is specifically designed for users who want traditional telephone functions with good voice quality. It is a robust convenience phone well suited for visitor or service areas. Like all other Dialog 4000 telephones, this phone is wall mountable and features a loudspeaker for voice monitoring.

Dialog 4222 Office

The Dialog 4222 Office is a desktop telephone with full functionality for office user communication needs. It is user-friendly and equipped with a hands-free speaking function as well as an integrated headset port and a dedicated headset key. The telephone features a graphical two line display for relevant information such as the called or calling party's extension number and the time and date. With the "landing gear" feet, the user can adjust the phone to different lighting situations. Programmable keys enable fast access to specific numbers or services. An extra key panel and an optional unit for external equipment, can be easily connected (see 'Accessories').

Dialog 4223 Professional

This multi-featured model supports advanced system functions for the professional office user. The Dialog 4223 Professional is ideal for administrative assistants and traditional Call Center (ACD) agents. With the "landing gear feet" and a three-line, tiltable, graphical display, the user can adjust the phone for all environment and lighting situations.

Using soft-keys, the user can easily access the display menu with a number of system features such as phone book, call list, diversion, absence reason, etc. Programmable keys enable fast access to specific numbers or services. A high quality, hands-free speaking function offering full duplex and Acoustic Echo Canceling (AEC) makes this phone well suited for telephone meetings. A headset can be connected directly to the integrated headset port and controlled by a dedicated headset key. Additionally, up to four extra key panels and an optional unit for external equipment, can be easily connected (see 'Accessories').

Dialog 4225 Vision

This multi-featured top model supports advanced system functions. The Dialog 4225 Vision is ideal for demanding and executive office usage. Compared to Dialog 4223, this telephone features 10 extra programmable keys and a large, six-line, graphical display with three navigation keys and four soft-keys. Using the navigation keys in combination with soft-keys, the user can easily access a display menu with a number of system features such as phone book, call list, diversion, absence reason, etc.

An extra high quality hands-free speaking function offering full duplex and Acoustic Echo Canceling (AEC) makes this phone very well suited for telephone meetings as well as for conference calls in small meeting rooms.

A headset can be connected directly to the integrated headset port and controlled by a dedicated headset key. Additionally, up to four extra key panels and an optional unit for external equipment, can be easily connected (see 'Accessories').

Prerequisites:

Software
MD110 BC12.
BC7-BC11: With reduced functionality and no support for Dialog 4225

Hardware
Digital extension lines with 2B+D features

Firmware download and soft-key functionality (BC12 functionality) requires ELU 28/3 R3A (minimum revision state) line board.

Line network
2-wire connection. Maximum line length, type EKKX 2x0.5mm, 1000m

Environmental ranges
Operation:

| Temperature | +5°C – +45°C |
| Relative humidity | 10% – 95% |

Storage:

| Temperature | –10°C – +55°C |
| Relative humidity | 10% – 95% |

Ringer
Ten levels (maximum volume >72 dBA) and ten different tones. Melodies are programmable. (Melodies not apply for dialog 4220)

Colors
Dialog 4000 digital telephones are available in light or dark grey colors.

Hearing Aid support
ITU-T P. 370(8/96) and FCC Part 68, subpart D American

Acoustic shock protection
ETS 300 245-2

Voice transmission
ETSI TBR8

Regulatory compliance
EU/EFTA: R & TTE directive 1999/5/EC
US: FCC part 15 and 68
AU: AS/NZS 3548: 1995, CISPR 22:2002, ACA TS 001:1997, AS/ACIF S004:2001
For more information:
www.ericsson.com/sdoc

Power consumption (typical) including part of system:

Dialog 4220	0,44 W
Dialog 4222	0,88 W
Dialog 4223	0,90 W
Dialog 4225	1,04 W
Key panel Unit	0,03 W

Recycling
All Dialog 4000 digital telephones are recyclable. Please contribute to the prevention of waste by sending used equipment to environmentally sound treatment facilities. Ericsson ensures environmentally-sound handling and recycling of equipment sent to any one of our collection points.

Dimensions* and weight

	Dialog 4220 Lite	Dialog 4222 Office	Dialog 4223 Professional	Dialog 4225 Vision	Key panel
Length (mm)	231	231	231	234	226
Width (mm)	159	159	204	240	64
Height (mm)	102	102	102	102	90
Weight (g)	627	670	837	978	222

*all values in non-tilted position of display and lowest position of feet

Highlights of system dependent telephone features

	Dialog 4220 Lite	Dialog 4222 Office	Dialog 4223 Professional	Dialog 4225 Vision
Account code	procedure	procedure	soft-key	soft-key
Absence reason	procedure	procedure	soft-key	soft-key
Charging information	n/a	no	yes	yes
Automatic Callback	pre-progr. key	pre-progr. key	soft-key	soft-key
Call waiting	digit code	digit code	soft-key	soft-key
Caller ID	n/a	yes	yes	yes
Call timer	n/a	no	yes	yes
Call list/Name and number log	n/a	no	yes	yes
Call Pickup individual	digit code	digit code	soft-key	soft-key
Clock and calendar	n/a	yes	yes	yes
Choice of language	n/a	procedure	procedure	procedure
Dial by Name (phone book)	no	no	yes	yes
Diversion	pre-progr. key	pre-progr. key	soft-key	soft-key
Conferencing	digit code	digit code	soft-key	soft-key
Follow-me (external)	pre-progr. key or procedure	pre-progr. key or procedure	soft-key	soft-key
Follow-me (internal)	pre-progr key or procedure	pre-progr key or procedure	soft-key	soft-key
Free seating	procedure	procedure	procedure	procedure
Inquiry	telephone key	telephone key	telephone key	telephone key
Intrusion	procedure	procedure	soft-key	soft-key
Save external number	pre-progr. key	pre-progr. key	pre-progr. key	pre-progr. key
Transfer a call	telephone key	telephone key	soft-key	soft-key
Manager secretary functions	pre–progr. key	pre-progr. key	pre-progr. key	pre-progr. key
Manual message waiting	pre-progr. key	pre progr. key	pre-progr. key	pre progr. key
Message Waiting	pre-progr. key	pre-progr. key	pre-progr. key	pre-progr. key
Last external number redial	procedure	procedure	soft-key	soft-key
Name identity	n/a	yes	yes	yes
Personal number profile	procedure	procedure	soft-key	soft-key
Refer back	telephone key	telephone key	telephone key	telephone key

Definition!
Procedure means, for example, when activating Personal number profile number 1: *10*1#
Digit code means one specific figure, for example, when activating Call Back: 6 (market dependant code).
Pre-progr. key means pre-programmed key setup by the system administrator.
Soft-key means key associated with phone display functionality
Telephone key means key with pre-defined functionality.

Digital telephone features:

	Dialog 4220 Lite	Dialog 4222 Office	Dialog 4223 Professional	Dialog 4225 Vision
Graphical Display (pixels)	–	128x25	240x39	320x80
Tiltable display	n/a	–	●	●
Programmable Keys	5	5	7	17
LEDs	12	13	13	23
Navigation keys	-	-	-	3
Soft-keys	-	-	4	4
Line access	2	2	2	2
Inquiry Key	1	1	1	1
Transfer key	●	●	-	-
Clear function	●	●	●	●
Headset Key	–	●	●	●
Message-Waiting indicator	●	●	●	●
Mute function/Silent ringing	●	●	●	●
Loudspeaking	●	●	●	●
Hands-free Speaking	–	●	●	●
Connection for extra key panel	–	1	4	4
Volume control	●	●	●	●
Programmable Ringer volume and tone character	●	●	●	●
Option unit Connection	–	●	●	●
Adjustable console base	●	●	●	●
Wall mountable	●	●	●	●

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Accessories:

- Key panel with 17 extra-programmable keys and associated LEDs.
- Press-to-talk handset
- Option unit with support for busy signal or external bell
- Pull-out leaf kit for number directory
- Line cords
- Wall Terminal Box
- Designation Card Manager kit including telephone toolbox CD and pre-cut papers
- Ericsson Dialog Headset 200

Terminal eLearning

A web-based user training on Ericsson Enterprise Terminals is available in English, Spanish, Italian,German, Swedish and Brazilian Portugese. The training is free of charge and can be found on www.ericsson.com/enterprise/education.shtml